

Date: Sun, 26 Jun 94 04:30:05 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #706  
To: Info-Hams

Info-Hams Digest                      Sun, 26 Jun 94                      Volume 94 : Issue 706

Today's Topics:

        Cage Dipole Rings (2 msgs)  
        IPS Daily Report - 25 June 94  
            Old QSTs available  
        ShareWare 'Super Morse' available?  
            The Gettysburg Addres  
    This Week In Amateur Radio Affiliate List (As Of June '94)  
        This Week In Amateur Radio Audio Magazine  
            TODAY, SUNDAY 6/26 LIVE!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Sat, 25 Jun 1994 13:51:55 GMT  
From: ihnp4.ucsd.edu!agate!iat.holonet.net!crystal!david.siglin@network.ucsd.edu  
Subject: Cage Dipole Rings  
To: info-hams@ucsd.edu

The Cage Dipole is an outstanding antenna system that has been in  
use in the US Navy for many years. It more recently found its way into  
use with the M.A.R.S system.

Description: The Cage Dipole gets it's name from it's appearance,  
the dipole consistes of several spreader rings which support 6 to 8  
wires in a circular arrangement, most antennas in the 80 to 40 meter  
band will require 8 to 10 rings. Once assembled it resembles a cage.

Advantages: The Cage Dipole once assembled (on 12 inch rings for  
example) acts as though it has a single conductor that is 12 inches in  
diameter. The result is a exceptionally broadbanded design! My 12 inch

system operates across the entire 80 meter band without the need to retune. The large capture area of the antenna makes for an unsurpassed receive antenna as well.

Finding the rings is the tough part. If you are interested in this type antenna or want help locating the spreader rings leave e-mail here or on prodigy (UWKJ62A) or give me a call at (901) 476-7171.

Thanks Dave (KC4LTC)

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Date: Sun, 26 Jun 1994 09:46:29 GMT  
From: news.Hawaii.Edu!uhunix.uhcc.Hawaii.Edu!jherman@ames.arpa  
Subject: Cage Dipole Rings  
To: info-hams@ucsd.edu

In article <9406260349298359@ccibbs.com> david.siglin@ccibbs.com (DAVID SIGLIN) writes:

> Description: The Cage Dipole gets it's name from it's appearance,  
>the dipole consists of several spreader rings which support 6 to 8  
>wires in a circular arrangement, most antennas in the 80 to 40 meter  
>band will require 8 to 10 rings. Once assembled it resembles a cage.

Interesting. I've seen this antenna in old photographs of ham and commercial stations; the older QST covers occassionally showed one, too. Must be a bit on the heavy side.

Jeff NH6IL

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Date: Sat, 25 Jun 1994 23:14:19 GMT  
From: ihnp4.ucsd.edu!agate!spool.mu.edu!uwm.edu!msuinfo!  
harbinger.cc.monash.edu.au!news.cs.su.oz.au!metro!ipso!rwc@network.ucsd.edu  
Subject: IPS Daily Report - 25 June 94  
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT  
ISSUED AT 25/2330Z JUNE 1994 BY IPS RADIO AND SPACE SERVICES  
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.  
SUMMARY FOR 25 JUNE AND FORECAST UP TO 28 JUNE

IPS Disturbance Warning 17 was issued on 22 June and is current for interval 24 June to 4 July

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1A. SOLAR SUMMARY  
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 073/009

GOES satellite data for 24 June

Daily Proton Fluence >1 MeV: 7.9E+05

Daily Proton Fluence >10 MeV: 1.4E+04

Daily Electron Fluence >2 MeV: 2.7E+08

X-ray background: A1.8

Fluence (flux accumulation over 24hrs)/ cm<sup>2</sup>-ster-day.

#### 1B. SOLAR FORECAST

	26 June	27 June	28 June
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 075/013

#### 1C. SOLAR COMMENT

None.

#### 2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet

Estimated Indices :	A	K	Observed A Index 24 June
Learmonth	04	2111 1121	
Fredericksburg	03		04
Planetary	05		05

Observed Kp for 24 June: 1211 1222

#### 2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
26 Jun	16	Unsettled to active.
27 Jun	16	Unsettled to active.
28 Jun	16	Unsettled to active.

#### 2C. MAGNETIC COMMENT

Expected increase to active levels did not occur. Active periods now seem less likely.

#### 3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
25 Jun	normal	fair	fair

PCA Event : None.

### 3B. GLOBAL HF PROPAGATION FORECAST

#### LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
26 Jun	normal	fair	poor
27 Jun	normal	fair	poor
28 Jun	normal	fair	poor

### 3C. GLOBAL HF PROPAGATION COMMENT

Degraded HF comms did not eventuate on July 25. Mild degradations possible until July 4.

### 4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were about 15% below predicted monthly values

Observed T index for 25 June: 15

Predicted Monthly T Index for June is 30.

### 4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
26 Jun	15	10 to 15% below predicted monthly values.
27 Jun	20	Near predicted monthly values.
28 Jun	20	Near predicted monthly values.

### 4C. AUSTRALIAN REGION COMMENT

Mild depression observed yesterday, however no associated geomagnetic activity. Spread F observed during local night. Degraded HF comms expected at times during interval June 26 - July 4.

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IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
email: rwc@ips.oz.au fax: +61 2 4148331	PO Box 5606
RWC Duty Forecaster tel: +61 2 4148329	West Chatswood NSW 2057
Recorded Message tel: +61 2 4148330	AUSTRALIA

Date: Fri, 24 Jun 94 22:54:00 -0800

From: iat.holonet.net!megasys!tim.marek@uunet.uu.net

Subject: Old QSTs available

To: info-hams@ucsd.edu

I wish I was close enough to come get them. I would like to read some of the old articles RE: VHF Weak Signal work and the many "Firsts" accomplished back then. Hope you find a good home for them. If you don't

mind, Let me know who takes them off your hands. I am looking for a few issues and maybe He (She) would pull them out if I sent money for shipping. Thanks... Tim - NC7K...sk

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Date: 25 Jun 1994 23:08:17 -0700  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!usc!usc!not-for-mail@network.ucsd.edu  
Subject: ShareWare 'Super Morse' available?  
To: info-hams@ucsd.edu

As I passed my first couple of written tests today I asked the examiner (sp?) what the best way to learn code was. He said there was a shareware program for DOS pcs called 'Super Morse'.....

Does anyone know an internet location to possibly find this program??

Rich Pinder  
USC School of Medicine  
(213) 342-1640

rpinder@usc.edu

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Rich

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Date: Sat, 25 Jun 94 20:40:00 -0500  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!sundog.tiac.net!usenet.elf.com!rpi!psinnntp!uu0981!webb.linzmayer@network.ucsd.edu  
Subject: The Gettysburg Address  
To: info-hams@ucsd.edu

jeff-

hi

i posted a message part of which appears in the msg to which this is a reply, here's ur msg:

-> Message-ID: <2u4han\$f3c@tivoli.tivoli.com>  
-> Newsgroups: rec.radio.amateur.misc



From: news.delphi.com!usenet@uunet.uu.net  
 Subject: This Week In Amateur Radio Affiliate List (As Of June '94)  
 To: info-hams@ucsd.edu

"This Week in Amateur Radio" Affiliates List - 6/15/94

No.	City/State	Freq	Call	Area Served
1. *	Poestenkill, NY	145.370	N2JX0	Albany/Schenectady/Troy
2. *	Canastota, NY Sa-M/2100	146.670	N2JEU	Madison Co/Central NY
3. *	Wentzville, MO (5X/week)	1.860	WA0RCR	Gateway 160 Meter Net
4. *	Roanoke, VA	145.210	WB4QOJ	Central VA/SE WVA/North Cent NC
5. *	Fruita, CO	224.260	WA4HND	West Cent CO/East Cent UT
6. *	Grand Junction, CO	449.300	WA4HND	West Cent CO/East Cent UT
7. *	Glenwood Springs, CO	447.100	KI0G	Glenwood Springs/Vail/Aspen
8. *	Moab, UT	449.100	KB0SW	Southeastern Utah
9.	Hanksville, UT	449.600	NV0X	Eastern Utah
10. *	Monticello, UT	447.400	WD0GCA	Southeastern UT/Northeastern AZ
11.	Salt Lake City, UT	448.?	??	Northern Utah
12. *	Sacramento, CA	147.195	N6ICW	Sacramento/SF Bay area
13.	South Lake Tahoe, CA	145.150	N6ICW	Tahoe/Reno, NV/Carson City, NV
14. *	Decatur, AL	442.350	WA4OUE	North Central Alabama
15. *	Lisbon, OH	146.805	KD8XB	Columbiana Co./East Cent OH
16.	Columbia Heights, MN	145.210	WB0BWL	Mnpls./St. Paul, MN
17.	Columbia Heights, MN	444.000	WB0BWL	Mnpls./St. Paul, MN
18.	Minneapolis, MN	223.940	KA0PQW	Mnpls./St. Paul, MN
19.	Minneapolis, MN	443.300	N0NKI	Mnpls./St. Paul, MN
20.	Madison, WI	443.400	N9KAN	South Cent WI
21. *	North Freedom, WI	443.675	KD9UU	South Cent WI
22. *	Fort Atkinson, WI	53.090	AA9AD	Jefferson Co/South Cent WI
23.	Marietta, GA	146.655	N4NFP	Metro Atlanta/Cent GA
24.	Marietta, GA	224.120	N4NFP	Metro Atlanta/Cent GA
25.	Marietta, GA (ATV)	427.250	N4NEQ	Metro Atlanta/Cent GA
26. *	Clay, NY	444.100	N2DCI	Clay/Cicero/Metro Syracuse
27. *	Duluth, MN	147.180	KA0TMW	Duluth/Superior/NW Minnesota
28. *	Esko, MN	446.200	N0NXA	NW Minnesota
29.	McAllen, TX Su 1300	145.230	N5SIM	McAllen/Edinburg/Reynosa, MX
30.	Birmingham, AL M/W 2100	443.750	W04W	Cent Alabama
31. *	Freedom, PA	224.560	N3IRI	Beaver Valley/West Cent PA
32. *	Freedom, PA	442.275	N3IRI	Beaver Valley/West Cent PA
33. *	West Palm Beach, FL	146.670	WA4HXZ	Ft Lauderdale/Dade Co/Bahamas
34.	Sacramento, CA (wknightes)	145.130	KB6QIQ	Metro Sacramento
35. *	La Crescent, MN	146.970	K0JYB	SE MN/W Cent WI/NE Iowa
36. W	Marquette, MI (Mon 8:00)	146.970	8	Marquette/Ishpeming/Nagaunee
37. W	El Paso, TX	443.375	N6TOC	El Paso/Las Cruces/Juarez, MX
38. W	Los Angeles, CA	147.435	AA6TK	Santa Barbara to San Diego
39. W	Rand Hill, NY	147.150	W2UXC	Champlain Valley/Montreal/W PQ
40. W	Lyon Mountain, NY	147.285	N2JKG	St Lawrence Valley/Ottawa/E ONT

41. W Canton, OH	442.075	N8GNO	Akron/Canton/Massillon
42. W Sacramento, CA (Mon 8:00)	145.250	KG6XX	Metro Sacramento
43. W Kitchener, Ontario	146.865	VE3RCK	Twin Cities/Guelph/Cambridge
44. W Mt. Bullion, CA	147.465	WB7UGZ	Cent San Joachin Valley
45. Mt. Bullion, CA (ATV)	427.250	WB7UGZ	Cent San Joachin Valley
46. Mt. Bullion, CA	441.350	WB7UGZ	Cent San Joachin Valley
47. W Garden City, KS simplex	146.570	N0PMZ	Finney County
48. W Vail, CO	449.900	W0KEA	Eagle and Summit Counties
49. W Norfolk, VA	147.195	WA4MCK	Tidewater/VA Beach/Norfolk
50. W Norfolk, VA	147.795	WA4MCK	Tidewater/VA Beach/Norfolk
51. W Norfolk, VA (ATV)	439.250	WA4MCK	Tidewater/VA Beach/Norfolk
52. W Silver Spring, MD	147.225	WB3GXW	Washington, DC area
53. W Salem, AL	146.940	WA4QHN	Phenix City, AL/Columbus, GA
54. W Boise, ID	145.250	WA7MXN	Boise/Meridian/Garden City
55. W Lexington, VA	147.330	KI4ZR	Lexington/Buena Vista/W Cent VA
56. W Waseca, MN	146.940	WA0MJF	Waseca/Mankato/S Cent Minnesota
57. W North Webster, IN	146.505	KF9MP	Elkhart/Warsaw/Ft. Wayne
58. W North Webster, IN	224.160	KF9MP	Elkhart/Warsaw/Ft. Wayne

Dayton contact - heard nothing more from:

59. Rockville, IN	145.270	N9RU0	Parke Co/West Cent IN (8/93?)
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May be carrying the show sporadically:

60. Baltimore, MD (ATV)			Greater Baltimore County
61. Mt. Washington, VT	448.225	WA1PBJ	Burlington/Central Vermont
62. W Mt. Agamenticu, ME	224.840	K1MON	York/Sanford/Portland/Biddeford
63. W Boston, MA	446.575	WA1PBJ	Boston/Lawrence/Weymouth
64. W Tiverton, RI	224.840	K1LIQ	Tiverton/Newport/Bristol
65. Fitchburg, MA	442.000	WA1PBJ	Fitchburg/Leominster/Gardner
66. Paxton, MA	448.125	K1WPO	Paxton/Worcester/Shrewsbury

Other repeaters carrying the program that have yet to contact us:

67. Fremont, CA	224.180	KU6V	Fremont/San Jose/Santa Clara
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May be carrying the program in the future:

68. Seattle, WA	224.020	N7MFP	Metro Seattle/King County
69. Greenville, MS	147.345	KG5SF	MS/AR/LA Tri-state area

In addition, the program can be heard on the following cable TV systems:



70. Tulsa, OK TCI Cablevision 88.5 MHz Wideband FM

To contact us via:

Amateur packet - WA3RKB, N2LQS, or N1JWO @ WA2UMX.#ENY.NY.USA.NA

FidoNet Netmail - to George Bowen in the "Ham" Echo or to our  
node 1:267/103

GEnie - Amateur Radio News Area 8 - Topic 11 - This Week in Amateur Radio

Internet/USENET News Group REC.RADIO.AMATEUR.MISC or send Internet E-mail  
to: KXKVI @ DELPHI.COM

U.S. Mail - Community Video Associates, Inc.  
P. O. Box 8592  
Academy Station  
Albany, New York 12208-0592

Recorded Program Material Deliveries (cassette tapes only) -  
George Bowen, N2LQS  
R. D. #2 - Box 44B - Lynn Road  
Averill Park, New York 12018

Landline - Stephan Anderman, WA3RKB - 518/877-7374,  
George Bowen, N2LQS - 518/283-3665, or  
Adrian Sebborn, N1JWO - 413/458-8219

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Date: Sat, 25 Jun 94 22:53:24 -0500  
From: news.delphi.com!usenet@uunet.uu.net  
Subject: This Week In Amateur Radio Audio Magazine  
To: info-hams@ucsd.edu

Title : TWIAR065.ASC

Here is a summary of news items covered on Edition #65 of "This Week in  
Amateur Radio", North America's satellite-delivered audio bulletin service,  
for the week ending 1-Jul:

1. FCC Adopts NPRM on Automatic Digital HF Forwarding
2. New DOVE-OSCAR-17 Satellite Voice is Louder, Message Changed
3. Peter I Island DXpedition Member Pleads Guilty to Fraud and Mail Theft

4. SpaceNews Reports Packet/Internet Delays Due to New Packet Rules
5. AMSAT Announces Board Nominations Received for Upcoming Election
6. ARRL Suspends W1AW CW Practice Sessions for Field Day Weekend
7. "Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR
8. Weekly Propagation Forecast with George Bowen, N2LQS
9. "Amateur Radio Newsline" - Edition #880 from Los Angeles
10. "The RAIN Dial-up" from Chicago
11. "EZSATS" with Dave Mullenix, N9LTD

Funding for the program's transmission, uplink, and production expenses was provided this week by a grant from the Viking Amateur Radio Society of Waseca, Minnesota, where "This Week in Amateur Radio" is heard on the WA0MJF repeater on 146.94 MHz, serving Waseca, Mankato, south central Minnesota, and north central Iowa. Funding for "RAIN" was provided by Larry Shilkoff, KJ6NV, of Van Nuys, California.

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Date: Sat, 25 Jun 1994 18:40:27  
From: get.hooked.net!news.sprintlink.net!indirect.com!s146.phxslip.indirect.com!  
lenwink@decwrl.dec.com  
Subject: TODAY, SUNDAY 6/26 LIVE!  
To: info-hams@ucsd.edu

At 6:00pm EST, today, 6/26/94, Senator Barry Goldwater, K7UGA, will be the guest on the Ham Radio & More show answering questions from the callers. The show is on the Talk America Network in 23 cities, and on satellite via spacenet 3, transponder 9, 6.8 audio. Call 602-241-1510 for more information.

73,  
Len

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End of Info-Hams Digest V94 #706  
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